

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

408, 429, 610, 754,
802, 809, 817, 843

R. HUNT PROPELLER CO.

ALL WOOD PROPELLERS

Revision 7

April 24, 2008

The propellers are of two-bladed, laminated birch constructions, either varnished or plastic covered, with or without metal tipping (refer to the applicable NOTES for each model).

TYPE CERTIFICATE (TC) HOLDER: R. Hunt Propeller Co.
6400 Tripp Road
China, Michigan 48054

TYPE CERTIFICATE OWNERSHIP RECORD: Kent Tarver
Tarver Propellers, LLC
1500 Rio Vista Drive, Hanger C4
Fallon, Nevada 89406

Brown Propeller
South 80 Aviation
Univair
Universal
Miller
Flottorp

Model	Cert. Basis	Maximum Continuous		Diameter	Std. Pitch	No. Holes	Hub Drilling		Hub Dimensions			NOTES
		HP	RPM				Dia. Holes	Dia. Bolt Circle	Diameter	Thick- ness	Weight (lb.)	
63L	TC 802	70	2700	63"	54"-60"	6	3/8"	4-3/8"	6"	3-1/4"	8	3, 4, 5, 6, 7
65A	TC 802	70	2500	65"	68"-58"	6	3/8"	4-3/8"	6"	3-1/4"	9	3, 4, 5, 6, 7
69A	TC 802	80	2700	69"	56"-30"	6	3/8"	4-3/8"	6"	3-1/4"	9	3, 4, 5, 6, 7
69F	TC 802	80	2700	69"	56"-30"	6	3/8"	4"	6"	3-1/4"	9	3, 4, 5, 6, 7
69L	TC 802	80	2700	69"	56"-30"	6	3/8"	4-3/8"	6"	3-1/4"	9	3, 4, 5, 6, 7
72A	TC 802	90	2650	72"	54"-39"	6	3/8"	4-3/8"	6-1/8"	3-1/4"	10	3, 4, 5, 6, 7
72AB	TC 802	85	2575	72"	44"-34"	6	3/8"	4-3/8"	6-1/4"	3-1/4"	10	3, 4, 5, 6, 7
72K	TC 802	75	2650	72"	57"-39"	6	3/8"	4"	6-1/8"	3-1/4"	10	3, 4, 5, 6, 7
72KA	TC 802	90	2550	72"	54"-48"	6	3/8"	4"	6-1/8"	4"	10	3, 4, 5, 6, 7
73B	TC 802	135	2600	73"	64"-38"	6	3/8"	4-3/4"	6-1/8"	3-1/2"	11	3, 4, 5, 6, 7
74A	TC 802	90	2650	74"	54"-39"	6	3/8"	4-3/8"	6-1/8"	3-1/4"	11	3, 4, 5, 6, 7
74AE	TC 802	75	2300	74"	57"-39"	6	3/8"	4-3/8"	6-1/8"	3-1/4"	11	3, 4, 5, 6, 7
74B	TC 802	135	2600	74"	64"-38"	6	3/8"	4-3/4"	6-1/8"	3-1/2"	11	3, 4, 5, 6, 7
74C	TC 754	130	2550	74"	62"-48"	8	3/8"	5-1/4"	7-1/4"	4"	12	3, 4, 5, 6, 7
74CD	TC 754	150	2700	74"	68"-48"	8	3/8"	5-1/4"	7"	4"	14	3, 4, 5, 6, 7
75C	TC 408	63	2300	75-1/4"	48"-38"	6	3/8"	4-3/8"	6-3/8"	3-3/16"	12	3, 4, 5, 6, 7
76CB	TC 802	150	2600	76"	58"-48"	8	3/8"	5-1/4"	7"	4"	14	3, 4, 5, 6, 7
76CC	TC 754	165	2800	76"	58"-48"	8	3/8"	5-1/4"	7"	4"	14	3, 4, 5, 6, 7
76FA	TC 754	130	2550	76"	62"-54"	8	7/16"	5-1/4"	7"	4"	12	3, 4, 5, 6, 7
76FI	TC 754	113	2200	76"	62"-54"	4	7/16"	5-1/4"	7"	4"	12	3, 4, 5, 6, 7
76HC	TC 754	150	2600	76"	58"-48"	8	3/8"	5"	7"	4"	14	3, 4, 5, 6, 7
76Q	TC 754	130	2550	76"	62"-54"	8	3/8"	5-1/4"	7-1/4"	4"	12	3, 4, 5, 6, 7

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Model	Cert. Basis	Maximum Continuous		Std. Diameter	Std. Pitch	No. Holes	Hub Drilling		Hub Dimensions			Weight (lb.)	NOTES
		HP	RPM				Dia. Holes	Dia. Bolt Circle	Diameter	Thick- ness			
78FI	TC 754	100	2375	78"	62"-48"	4	7/16"	5-1/4"	7"	4"		13	3,4,5,6,7
78M	TC 754	120	2375	78"	62"-48"	8	3/8"	5-1/4"	7"	4"		13	3,4,5,6,7
78W	TC 754	120	2375	78"	62"-48"	6	7/16"	4-5/8"	7"	4"		13	3,4,5,6,7
78Y	TC 754	125	2375	78"	62"-48"	8	27/64"	4-23/32"	7"	4-1/2"		14	3,4,5,6,7
86R	TC 817	200	2450	86"	70"-54"	8	3/8"	5-1/4"	7-1/2"	4-1/8"		18	3,4,5,6,7
86RA	TC 817	200	2450	86"	70"-54"	8	7/16"	7"	9-1/4"	6		25	3,4,5,6,7
86RB	TC 817	200	2450	86"	70"-54"	6	3/8"	6-3/16"	7-1/2"	4-1/8"		18	3,4,5,6,7
90	TC 817	125	2050	90"	70"-54"	8	3/8"	5-1/4"	7-1/2"	4"		19	3,4,5,6,7
96C	TC 809	225	2100	96"	64"-60"	8	1/2"	6.693"	9"	6"		25	3,4,5,6,7
96CA	TC 809	225	2100	96"	64"-60"	8	7/16"	7"	7-1/2"	6"		25	3,4,5,6,7
702CA	TC 843	65	2600	72"	48"-38"	6	3/8"	4-3/8"	6-1/4"	3-3/8"		12	1,2
702CB	TC 843	65	2600	72"	48"-38"	6	3/8"	4-3/8"	6-1/4"	3-3/8"		12	1
702CD	TC 843	65	2600	72"	48"-38"	6	3/8"	4-3/8"	6-1/4"	3-3/8"		12	1
706	TC 843	75	2015	76"	57"-47"	6	3/8"	4-3/4"	6-1/2"	3-1/2"		13	1
800	TC 844	140	1950	80"	53"	6	7/16"	4-5/8"	7"	4"		1	1, 8
6628A	TC 429	42	2650	66"	28"-24"	6	3/8"	5"	6-5/8"	2-1/2"		8	3, 4, 5, 6, 7
6628C	TC 429	40	2650	66"	28"-24"	6	3/8"	4"	6-1/8"	3-3/16"		8	3, 4, 5, 6, 7
7845LB	TC 610	100	2375	78"	54"-42"	6	7/16"	4-5/8"	7"	4"		15	3, 4, 5, 6, 7

Production Basis None

NOTE 1. Number after model designation refers to pitch in inches. Pitch must be within approved limits on specifications.

NOTE 2. Model 702CA propellers with serial numbers below 1012 are not approved except for those listed below:

Serial Nos. 518, 522, 523, 524, 525, 526, 528, 529, 530, 531, 532, 533, 536, 537, 538, 540, 541, 543, 548, 550, 552, 555, 556, 557, 563, 566, 567, 570, 571, 572, 573, 575, 577, 580, 586, 588, 589, 591, 597, 609, 613, 618, 621, 625, 633, and 1002.

NOTE 3. Bolt holes may be counter-drilled for mounting on hub flange having bolt-hole bushings.

NOTE 4. The letter "D" following the pitch number in the model designation indicates that the propeller is fabricated from 1/16" laminations.

NOTE 5. The letter "E" following the pitch number in the model designation indicates that the propeller is fabricated from 1/8" laminations.

NOTE 6. The prefix "F" to the model number designates that the propeller has a reinforced plastic leading edge, and no metal tipping.

NOTE 7. The letter "Y" or "Z" following the propeller serial number indicates that the propeller is plastic covered.

NOTE 8. Approval of Model 800 expired January 7, 1959. No propellers of that model manufactured after that date are eligible for use in certificated aircraft. Approval of Model 7845LB also expired on that date; however, approval of that model was restored on October 1, 1968, with the reactivation of Type Certificate No. 610.

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